| POSITION                  | INITIAL. | ID NO. | DATE |  |  |  |
|---------------------------|----------|--------|------|--|--|--|
| FEE DETERMINATION         | ·        |        |      |  |  |  |
| J.I.P.E. CLASSIFIER       | 0.57     | 45     | 1/24 |  |  |  |
| ORMALITY REVIEW           |          |        | /    |  |  |  |
| RESPONSE FORMALITY REVIEW |          |        |      |  |  |  |

## INDEX OF CLAIMS

| v | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
|   | Allowed                    | 1 | Interference |
|   | (Through numeral) Canceled | Α | Appeal       |
|   | Restricted                 | 0 | Objected     |

| aim      | ím Date          |   |  |                  |              |                | im           |               |  | D        | ate  |             |                |          | Cla          | Claim             |  |          |            | Date         | •  |             |                |                    |               |               |   |
|----------|------------------|---|--|------------------|--------------|----------------|--------------|---------------|--|----------|--|-------------|----------------|----------|--------------|-------------------|--|----------|------------|--------------|--|-------------|----------------|--------------------|---------------|---------------|---|
| 7-       | _                | 2   | Т  | Ī                | Ĭ            | $\top$         | Ţ            | П             |  |          |  | П           |                |          |              |                   |  |          |            |              |  |             |                |                    | $\top$        | T             |   |
| Orloinal | ۱,               | \$  |  |                  |              |                |              |               | Final  | Original |  |             |                |          |              | İ                 |  | Final    | Original   |              | li   |             |                |                    |               |               |   |
| S        | ¥                | ┧┼  |  | +                | ╁╾╁          | $\dashv$       | +-           | H             | 1  | 51       |  | +           | +              | ╁╌       | -            | $\dashv$          | +  | F        | 101        | +            | <del>                                     </del> | 1           | $\dashv$       | +                  | +             | 十             | - |
|          | 2                | <u>*</u>  |  | ╁                | ┢┪           | $\dashv$       | +-           | +             | $\vdash$                                     | 52       | +  | +           | +              | +        |              | $\dashv$          | ++   |          | 102        | +            | $\vdash$   | $\dashv$    | 7              | _                  | +             | +             | _ |
|          | 3                | ╂┼┼   | +  | ┼                | $\vdash$     | +              | +            | H             |  | 53       | +  | 1 1         | ╅              | +-       |              | _                 |  | -        | 103        | 1            | 1-1  |             | 1              | T                  | 十             | 十             | _ |
| _        | 4                | ╂┼╌┼  | +  | ┼-               | ╁            | +              | -+-          | $\mathbf{H}$  | -  | 54       | +-   | 1-1         | +              | -        | $\Box$       | -+                |  | -        | 104        | <del> </del> | 1-1  |             | T              | $\dashv$           | +             | 十             |   |
|          | 5                | ╂┼┼   | ┪  | +                | $\vdash$     |                | +            | +             |  | 55       | +  | + 1         | $\top$         | 1        |              | _                 | $\dashv \dashv$                                  |          | 105        |              |  |             |                | 1                  | 1             |               | Т |
| ┺        | 6                | ++-+  | +  | +                | Ħ            | - †-           | $\top$       | + 1           |  | 56       |  |             |                |          |              |                   |  |          | 106        |              |  |             |                |                    |               | $\Box$        |   |
|          | 7                | <del>                                      </del> | $\top$   | †                | Ħ            |                | T            | $\Box$        |  | 57       |  |             |                |          |              |                   |  |          | 107        | L            |  |             |                |                    | $\perp$       | $\perp$       |   |
| T        | 8                | 11  |  | 1                |              | 7              |              | $\Box$        |  | 58       |  |             |                |          |              |                   |  |          | 108        |              | Ш  | L           | _              |                    | $\perp$       | $\bot$        |   |
| 1        | 9                | 11-1  | _  |                  |              |                | 1            |               |  | 59       |  |             |                |          |              |                   |  |          | 109        | 1            |  | Ш           | _              | _                  | _             | _             |   |
| 1        | 0                | 11 7  | T  | 1                | П            |                | T.           |               |  | 60       |  |             |                |          | Ш            |                   |  | L.       | 110        | 1            | $\sqcup$   |             |                | $\downarrow$       | $\perp$       | 4             |   |
|          | 11               | $\Pi$   |  | Г                |              |                |              |               |  | 61       |  |             |                | 1        | Ш            | Ш                 | $\rightarrow$                                    |          | 111        | 1            | ļ  |             | _              | $\downarrow$       | $\dashv$      | 4             | _ |
|          | 2                |   |  | $\mathbf{I}_{-}$ |              |                | ┙            |               |  | 62       |  |             |                | ┶        | Ш            |                   | $\rightarrow$                                    | <u> </u> | 112        |              | $\perp$  | Ш           | _              | +                  | +             | +             | _ |
|          | 13               | $\prod$   |  |                  | $oxed{oxed}$ |                |              | $\sqcup$      |  | 63       | $\perp$  | 1-1         | _              | $\perp$  | $\sqcup$     |                   |  |          | 113        |              | -  | $\vdash$    | -              |                    | -             | +             | _ |
|          |                  | V   | $\perp$  | $\perp$          | <u> </u>     | $\perp$        |              | 1             | _  | 64       |  | 1           | $\perp$        |          |              | $\square$         |  | -        | 114        | +            | +-   |             |                | +                  | +             | -+-           | _ |
|          | 5                |   |  | $\perp$          | $\perp$      |                | $\perp$      | 4             |  | 65       |  | <b>↓</b> -i |                | +        | L            | $\vdash$          | +  | $\vdash$ | 115<br>116 | +            | H  |             | $\dashv$       | +                  | +             | +             |   |
|          | 6                |   | _  | 1                | 辶            | $\perp$        | -            | 4             |  | 66       |  | +           |                | +-       | ـ            | $\vdash$          | +  |          | 117        | -+-          | ⊢  | H           |                | -                  | +             | +             | _ |
|          | 7                | $\rightarrow$                                     | 4  | ↓_               | -            | $\vdash$       |              | $\perp \perp$ | -  | 67       | -  | +           |                | +-       | $\vdash$     | $\vdash$          |  |          | 118        | +            | ╁  | Н           |                | -+                 | +             | +             | - |
|          | 8                |   |  | +-               | ↓_           | $\vdash$       | -            | +             | -  | 68<br>69 | -+-  | +-+         |                | +        | -            | -                 | $\dashv$   | -        | 119        | -            | +  | $\vdash$    | $\dashv$       | $\dashv$           | -+            | +             | _ |
| -        | 9                |   | _  | 4-               | ↓            |                |              | +-            |  |          | -  | +           | $\dashv$       | +        | ┼            | $\vdash$          |  | $\vdash$ | 120        | +-           | +  | $\vdash$    | -1             | $\dashv$           | +             | +             |   |
|          | 20               |   | _  | _                | 1            | $\sqcup$       |              | 11            | <u> </u>                                     | 70       | _  | 1           |                | +        | <u> </u>     |                   | $\dashv$   | -        | 121        |              | ╁  | $\vdash$    | -              | -+                 | +             | +             |   |
|          | 21               |   |  | -                | ↓            |                | $\perp$      | +             | <u> </u>                                     | 71       | +  | +           |                | +        | +            | ₩                 | $\dashv$   | -        | 122        | +            | +  | $\vdash$    | $\dashv$       | $\dashv$           | $\dashv$      | +             | - |
| 2        | 22               |   | _  |                  | $\perp$      | 1              | -+           | +             | -  | 72<br>73 | +  | +           | -              | -+-      | ┼            | -                 |  |          | 123        | +            | +-   | $\vdash$    |                | +                  | 十             | +             |   |
|          | 23<br>24         |   | -  | +                | +            | $\vdash$       | +            | +             | $\vdash$                                     | 74       | -+-  | +           |                | +        | +-           | $\vdash$          | $\dashv$   |          | 124        | -+-          | +  | $\vdash$    |                | +                  | $\dashv$      | -+            | _ |
| _        | 25               | $\rightarrow$                                     | +  | +                | +            | -              |              | +             | -  | 75       | -  | +-          | -              | +        |              | 1                 | $\dashv$   |          | 125        |              | t  | †           | $\neg$         |                    | 十             |               | _ |
|          | 26               | ++  | -+-  | +                | ╁╌           | +              | -            | +             |  | 76       | +-   | + '         | $\vdash$       | -†-      | $\vdash$     | $\dagger \exists$ | $\dashv$   |          | 126        |              | 1  |             |                |                    | _             | ヿ             | _ |
|          | 27               | $\dashv$  | +  | +                | +            |                | $\dashv$     | +             |  | 77       |  | +           |                | +        | T            | ╁╌┪               | $\dashv$   |          | 127        |              | T  | •           |                |                    |               | コ             | _ |
|          | 28               | +   | +  | +                | +            | 1-+            | $\dashv$     | ++1           |  | 78       |  | +           |                | _        | 1            |                   |  |          | 128        |              | Ť  |             |                |                    |               |               | _ |
| 12       | 29               | +   |  | +                | +            |                | -            | +1            |  | 79       |  |             |                |          | 1            | $\Box$            |  |          | 129        |              |  |             |                |                    | $\Box$        | $\Box$        |   |
|          | 30               | +   | +  | +                | +-           | $\vdash$       | $\top$       | +             |  | 80       |  | 1           |                |          | T            |                   |  |          | 130        |              |  |             |                |                    |               |               |   |
|          | 31               |   | "†   | +                | 1            | $\vdash$       | $\top$       | $\Box$        |  | 81       |  |             |                |          |              |                   |  |          | 131        |              |  |             |                |                    | $ \bot $      | $\perp$       | _ |
|          | 32               | $\dashv$  | +  |                  | T            |                |              |               |  | 82       |  |             |                |          |              |                   |  |          | 132        |              |  | L           | _              | $\perp \downarrow$ |               | $\dashv$      | _ |
| 1:       | 33               |   |  | 7                |              |                |              |               |  | 83       |  |             |                |          |              |                   |  |          | 133        | +            | 1  | <u> </u>    |                |                    | _             |               |   |
|          | 34               |   |  |                  |              |                |              |               |  | 84       |  |             |                |          | ļ            |                   | 4  | L        | 134        | 4            | $\perp$  | <u> </u>    |                |                    | $\rightarrow$ | -             | _ |
|          | 35               |   |  |                  |              |                |              |               |  | 85       |  | 1.          |                | $\perp$  | <u> </u>     | <u> </u>          |  | $\vdash$ | 135        | -            | +  |             | _              | -                  | $\dashv$      | $\dashv$      | _ |
|          | 36               |   | _  | _                | $\downarrow$ |                |              |               | -  | 86       |  | $\perp$     | $\vdash$       | _        | +            | -                 |  | -        | 136        | <u> </u>     | +  | ļ           | -              | $\vdash$           |               | $\dashv$      | _ |
|          | 37               |   |  |                  | 4            | $\sqcup$       |              | $\perp$       | <u> </u>                                     | 87       | _  | -           | $\vdash$       |          | $\downarrow$ | <u> </u>          | - +  | - 1      | 137        | $\dashv$     | +  | +           |                | -                  |               | $\rightarrow$ | _ |
|          | 38               |   | -  | _                | <u> </u>     | 1              |              | 4             | -  | 88       | -  | +           | <del>i i</del> | _        | <u> </u>     | ╁                 | $\dashv$   |          | 138        | +            | +-   | +-          | -              |                    | $\dashv$      | +             | - |
|          | 39               |   | _  | 4                | -            | <del> </del>   | _            |               |  | 89       | ·—   | +           | ļ              | ÷        |              | +                 | +  |          |            |              | +  |             | -              | 1                  | -+            | $\dashv$      | _ |
| +-       | 40               |   |  | <u> </u>         |              | 1              | -            | 44            | <u>;                                    </u> | 90       | _  | - +         | $\vdash$       | <u> </u> | +            | ╁                 | <u>_</u>   | -        | 140<br>141 | +            |  | +           |                | $\vdash$           | - 🕂           | -+            |   |
| _        | 41               | $\Box$  | $\perp$  | 1                | $\downarrow$ | $\sqcup$       |              | 1             |  | 91       | +  | -           | $\sqcup$       | -        | +            | ╁                 |  |          | 141        | $\dot{+}$    | +-   |             |                | $\vdash$           | +             | +             |   |
| <b>→</b> | 42               | $\sqcup \bot$                                     | $\stackrel{!}{\rightarrow}$                      | $\perp$          | -            | H              |              | $\perp$       | L_   | 92       | -  |             | <u>i t</u>     |          | +            |                   | +  |          | 143        | +            | +-   | 1           | +-             | $\vdash$           | $\dashv$      |               |   |
| _        | 43               |   |  | 1                | +            | +              | -            | $\dashv$      | -  | 93       | +  |             | $\vdash$       |          | +            | ┼                 | $\vdash$   | -        | 144        | +            | +-   | ÷           | <del> </del>   | $\vdash$           |               | -             | H |
| _        | 44               |   | $\perp$  | -                |              | <del>   </del> | $\dashv$     |               | -  | 94<br>95 |  | -           | ₩.             |          | +            | ·                 | <b></b>  | ļ        | 144        | +-           | +  | +-          | $\vdash$       |                    | $\dashv$      | $\dashv$      | Н |
| -        | 45               |   | -  | +                | +            | 1              | -            | +-1           | -  | 95<br>96 | -  | +           | +              |          | <u>.</u>     | ÷                 |  | ÷        | 146        |              | i  | <del></del> | +              | +-+                | +             | $\dashv$      | T |
|          | 46               |   | <del>-                                    </del> |                  | +            | $\vdash$       | +            |               | -  | 96       | <del></del>                                      | +           | +              | +-       | -            |                   | <del>                                     </del> | <b>├</b> | 147        | +-           | +  | +           | <del> </del> - | +                  |               | $\dashv$      | Τ |
| _        | 47               | <u> </u>  | $\dashv$   |                  | 1-           | $\vdash$       | ·-+          | +-            | :  | 98       | +  | <del></del> | + +            | -+       | +-           | •                 | <del>  </del>                                    |          | 148        | +            | +-   | +           | •              |                    | - 📑           |               | r |
|          | 48               | <del></del>                                       | -+   | <b>→</b>         |              | <b>-</b> -∔    | $\dashv$     | <del></del>   |  | 99       | <del>                                     </del> |             | +              |          | +            |                   | <u></u>  | . :-     | 149        |              |  | +           |                | $\dagger$          |               | -7            | Γ |
|          | <b>4</b> 9<br>50 | • —   |  | +                | -            | +              | <del>-</del> |               | -  | 100      |  | -           |                |          |              | i                 |  |          | 150        |              | •  | <del></del> | +              | ++                 |               |               | Г |

If more than 150 claims or 10 actions staple additional sheet here